INDEX OF 1973 ARTICLES—JANUARY-DECEMBER

MANAGEMENT

Let's Have a Recovery Allowance!.....Jan
How OSHA Affects Electroplating.....Feb
Industrial Ovens and the Environment
Part 1—The Energy Crunch.....Feb
Part 2—Equipment Optimization.....Mar
Part 3—Coatings Optimization.....Apr
Coating Usage Projections—1970-1980...Apr
Whirlpool Looks to Water-Based Paints...May
Finishing to Meet OSHA and EPA Rules..May
Why Singer Switched to
Powder Coating.....May
Coating Regulations on Products
Used with Foods.....May
Job Plater With a Vision.....Jun
Coil Coating, The Energy Crisis
and Environmental Control.....Jun
Rock Island Arsenal's Zero Discharge.....Jun
Pollution Compliance With
Water-Reducible Coatings.....Jul
Progress Toward EPA Discharge Limits for
Copper, Nickel, Chromium, Zinc.....Aug
EPA, Energy, Resources Crunch Take
Spotlight at Plating Conference.....Aug
The Role of Solvents in
Air Pollution.....Sep
Troubleshooting in Electroplating.....Sep
Vapor Degreasing Today—Setting
the Record Straight.....Oct
First Major Seminar on UV Coatings.....Oct
The Role of Monorails
in Processing Heavy Loads.....Nov
What Finishers Can Do About
the Materials Shortage.....Dec
Ideas to Conserve Energy
in Your Coating Operations.....Dec
EPA Preliminary Discharge Guidelines
for Copper, Nickel, Chromium, Zinc..Dec

CLEANING/PRETREATMENT

Anti-Corrosion Pretreatment
for Automotive Sun Roofs.....Jan
Aluminum Screen Treatment
Aids Corrosion Resistance.....Feb
Anti-Pollution Pretreatment
for Coil Coating.....Mar
Ford Precision Blast-Cleans
Machined Parts Automatically.....Apr
see Anodized Zinc Fights Corrosion
in Speed Queen Washing Machines....Apr
Pretreatment for Powder Coating.....May
Designing Pre- and Post-Treatment
Systems for Powder Coating.....May
Cleaning Coating Fixtures
in Molten Salt Baths.....May
see The Role of Hot Fluid Beds
in Coating Operations.....May
Rock Island Arsenal Cuts Pollution
in Vapor Degreasing.....Jun
Plastic Risers Eliminate Washer
Corrosion at Reflector Hardware.....Jul
Low Temperature Zinc Phosphatizing.....Jul
Parts for Jet Engines Cleaned
Ultrasonically.....Aug
Vacuum Cleaner Parts Cleaned
Ultrasonically.....Sep
Vapor Degreasing Today—Setting
the Record Straight.....Oct
How to Keep Stainless
Steel Clean.....Nov
Sanding with Nylon Discs Improves
Vehicle Surface Finish.....Dec

FINISHING

Cathodic Electrocoating Boosts
Corrosion Resistance at Whirlpool.....Jan
Canadian Custom Coater Cuts Costs With
Electrostatic Powder Spray Line.....Jan
Applying Print-Finish to Tables.....Jan
Spray Booth Maintenance Costs
Cut 65%.....Jan
Plated Plastics Around the
World—Part 1.....Jan
Plated Plastics Around the
World—Part 2.....Feb
McDonough Utilizes Both EDP
and EPS Coating Processes.....Feb
Chevrolet Primes Truck Parts
in Two 60,000-Gal EDP Tanks.....Feb
High-Throw Chromium Process Cuts Costs,
Reduces Dragout at Son-Chief.....Mar
Blacksmith Shop Installing Third
Electrostatic Powder Spray Line.....Mar
Systems Under Development at GMC
for Powder Coating Cars.....Mar
Compact Line Powder Coats
Livestock Fountains.....Mar
Chromcraft Makes Fast Switch
to Powder Coated Furniture.....Mar
Improved Quality and Production with
Powder Coating at Cyclone Seeder....Mar
Resist Coating Opens Plating
and Painting Design Horizons.....Apr
Central Console Controls Paint Line
Operation at Morton Metalcraft.....Apr
Anodized Zinc Fights Corrosion
in Speed Queen Washing Machines....Apr
Furniture Finishing in Australia.....Apr
Electrically Safe Plating at Motorola.....May
see Abstracts from Powder Coating 73..May
Electrostatic Painting 25-Ft-Long
Aluminum Parts at Eagle Extrusion..May
see Job Plater with a Vision.....Jun
EDP Protects Westinghouse
Transformers Against Corrosion.....Jun
Sputtering: Space Age Coating
Goes Decorative.....Jun
John Deere Paint Spray Line
Features Two U.S. Firsts.....Jul
Big Nickel and Water Savings with
Reverse Osmosis at Dearborn Brass....Jul
Volume Finishing of Window Sash.....Jul
Cathodic Electrocoating Provides
Bonuses at Amana Refrigeration.....Aug

INDEX OF 1973 ARTICLES—JANUARY-DECEMBER

MANAGEMENT

Let's Have a Recovery Allowance!.....Jan
How OSHA Affects Electroplating.....Feb
Industrial Ovens and the Environment
Part 1—The Energy Crunch.....Feb
Part 2—Equipment Optimization.....Mar
Part 3—Coatings Optimization.....Apr
Coating Usage Projections—1970-1980...Apr
Whirlpool Looks to Water-Based Paints...May
Finishing to Meet OSHA and EPA Rules..May
Why Singer Switched to
Powder Coating.....May
Coating Regulations on Products
Used with Foods.....May
Job Plater With a Vision.....Jun
Coil Coating, The Energy Crisis
and Environmental Control.....Jun
Rock Island Arsenal's Zero Discharge.....Jun
Pollution Compliance With
Water-Reducible Coatings.....Jul
Progress Toward EPA Discharge Limits for
Copper, Nickel, Chromium, Zinc.....Aug
EPA, Energy, Resources Crunch Take
Spotlight at Plating Conference.....Aug
The Role of Solvents in
Air Pollution.....Sep
Troubleshooting in Electroplating.....Sep
Vapor Degreasing Today—Setting
the Record Straight.....Oct
First Major Seminar on UV Coatings.....Oct
The Role of Monorails
in Processing Heavy Loads.....Nov
What Finishers Can Do About
the Materials Shortage.....Dec
Ideas to Conserve Energy
in Your Coating Operations.....Dec
EPA Preliminary Discharge Guidelines
for Copper, Nickel, Chromium, Zinc..Dec

CLEANING/PRETREATMENT

Anti-Corrosion Pretreatment
for Automotive Sun Roofs.....Jan
Aluminum Screen Treatment
Aids Corrosion Resistance.....Feb
Anti-Pollution Pretreatment
for Coil Coating.....Mar
Ford Precision Blast-Cleans
Machined Parts Automatically.....Apr
see Anodized Zinc Fights Corrosion
in Speed Queen Washing Machines....Apr
Pretreatment for Powder Coating.....May
Designing Pre- and Post-Treatment
Systems for Powder Coating.....May
Cleaning Coating Fixtures
in Molten Salt Baths.....May
see The Role of Hot Fluid Beds
in Coating Operations.....May
Rock Island Arsenal Cuts Pollution
in Vapor Degreasing.....Jun
Plastic Risers Eliminate Washer
Corrosion at Reflector Hardware.....Jul
Low Temperature Zinc Phosphatizing.....Jul
Parts for Jet Engines Cleaned
Ultrasonically.....Aug
Vacuum Cleaner Parts Cleaned
Ultrasonically.....Sep
Vapor Degreasing Today—Setting
the Record Straight.....Oct
How to Keep Stainless
Steel Clean.....Nov
Sanding with Nylon Discs Improves
Vehicle Surface Finish.....Dec

FINISHING

Cathodic Electrocoating Boosts
Corrosion Resistance at Whirlpool.....Jan
Canadian Custom Coater Cuts Costs With
Electrostatic Powder Spray Line.....Jan
Applying Print-Finish to Tables.....Jan
Spray Booth Maintenance Costs
Cut 65%.....Jan
Plated Plastics Around the
World—Part 1.....Jan
Plated Plastics Around the
World—Part 2.....Feb
McDonough Utilizes Both EDP
and EPS Coating Processes.....Feb
Chevrolet Primes Truck Parts
in Two 60,000-Gal EDP Tanks.....Feb
High-Throw Chromium Process Cuts Costs,
Reduces Dragout at Son-Chief.....Mar
Blacksmith Shop Installing Third
Electrostatic Powder Spray Line.....Mar
Systems Under Development at GMC
for Powder Coating Cars.....Mar
Compact Line Powder Coats
Livestock Fountains.....Mar
Chromcraft Makes Fast Switch
to Powder Coated Furniture.....Mar
Improved Quality and Production with
Powder Coating at Cyclone Seeder....Mar
Resist Coating Opens Plating
and Painting Design Horizons.....Apr
Central Console Controls Paint Line
Operation at Morton Metalcraft.....Apr
Anodized Zinc Fights Corrosion
in Speed Queen Washing Machines....Apr
Furniture Finishing in Australia.....Apr
Electrically Safe Plating at Motorola.....May
see Abstracts from Powder Coating 73..May
Electrostatic Painting 25-Ft-Long
Aluminum Parts at Eagle Extrusion..May
see Job Plater with a Vision.....Jun
EDP Protects Westinghouse
Transformers Against Corrosion.....Jun
Sputtering: Space Age Coating
Goes Decorative.....Jun
John Deere Paint Spray Line
Features Two U.S. Firsts.....Jul
Big Nickel and Water Savings with
Reverse Osmosis at Dearborn Brass....Jul
Volume Finishing of Window Sash.....Jul
Cathodic Electrocoating Provides
Bonuses at Amana Refrigeration.....Aug

Powder Coating Protects E-Z Loader Boat Trailers.....Aug
Water-Reducible Coating Solves Finishing Problems.....Aug
Water-Reducible Coating Applied Electrostatically at Haughton.....Sep
UV Filler Prepares Particleboard for Wood Graining at Singer/Lenoir.....Sep
Troubleshooting in Electroplating.....Sep
Winnebago's New Anodizing Line.....Oct
Boom Manipulator Boosts Productivity in Porcelain Dipping.....Oct
Short Infrared Ovens Solves Reject and Space Problem.....Oct
Flame-Spray Coatings Plays Major Role in Wankel Engine.....Oct
Powder Coating Drafting Machine Components at Yard Newport.....Nov
Integral Color Anodizing at Southern Extrusions.....Nov
Coleman Electrocoats Camp Stoves.....Nov
Painting Retractable Automobile Bumper Sight Shields.....Dec
Braniff's Flying Mural—Painted With Airless Spray Equipment.....Dec

EPA, OSHA, POLLUTION CONTROL

see Let's Have a Recovery Allowance.....Jan
Powder Slurries and Solvent Recovery Highlight Anti-Pollution Seminar.....Feb
How OSHA Affects Electroplating.....Feb
Industrial Ovens and the Environment
Part 1—The Energy Crisis.....Feb
Part 2—Equipment Optimization.....Mar
Part 3—Coatings Optimization.....Apr
Finishing to Meet OSHA and EPA Rules.....May
Rock Island Arsenal's Zero Discharge.....Jun
Progress Toward EPA Discharge Limits for Copper, Nickel, Chromium, Zinc.....Aug
Role of Solvents in Air Pollution.....Sep
Largest U.S. Metal Finishing Waste Treatment Plant at General Electric..Sep
Waste Control Ideas for Job Platers.....Nov
EPA's Preliminary Discharge Guidelines for Copper, Nickel, Chromium, Zinc...Dec

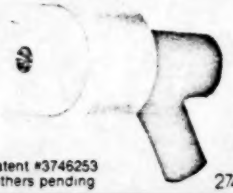
COIL COATING

Flotation Oven Eliminates Catenary at Enamel Products & Plating.....Jan
$2 Million Expansion for 4-Year-Old Line at SupraCote.....Feb
Anti-Pollution Pretreatment at Wolverine-Pentronix.....Mar
Howmet's New Coil Coating Line a Step Ahead of Pollution.....May
Coil Coating, the Energy Crisis and Environmental Control.....Jun
Coil Coaters Discuss Anti-Pollution Finishing Systems.....Jul
Armco's Coil Coating Line.....Aug
see 20 Strapping Strands Electrocoated Simultaneously at Signode.....Oct
Coil Coaters Ponder Energy and Material Shortages.....Dec

FINISHING TECHNOLOGY, COATING DEVELOPMENTS

Cathodic Electrocoating Boosts Corrosion Resistance.....Jan
Powder Coating Practices in Europe.....Mar
Resist Coating Opens Plating and Painting Design Horizons.....Apr
see Abstracts from Powder Coating 73..May
New Excitement in Anodizing and Painting at Aluminum Seminar.....May
see Big Growth Predicted in Electroplated Plastics.....May
Sputtering—Space Age Coating Goes Decorative.....Jun
Vacuum Metallizing Changes Predicted...Jun
John Deere Paint Spray Line Features Two U.S. Firsts.....Jul
Pollution Compliance With Water-Reducible Coatings.....Jul
Powder Coating Tunnel Demonstrated....Jul
Coil Coaters Discuss Anti-Pollution Finishing Systems.....Jul
Water-Reducible Paint Applied Electrostatically at Haughton.....Sep
Boom Manipulator Boosts Productivity in Porcelain Dipping.....Oct
Flame-Spray Coating Plays Major Role in Wankel Engine.....Oct
First Major Seminar on UV Curing of Coatings and Inks.....Oct
see Ideas to Conserve Energy in Your Coating Operations.....Dec
Testing—Vital in Vacuum Metallizing.....Dec

NEW ENVIRONMENTAL ELECTROSTATIC PAINTING SYSTEMS



Patent #3746253
Others pending

Conical Film Atomization
Digital Vertical Triggering Control
Multilevel Programing
Color Changes in Under 15 Seconds
Water Base Coatings • High Solids Materials
Exempt Solvent Paints • Powder Slurries

ARVID C. WALBERG & CO.
2741 CURTISS STREET / DOWNERS GROVE, ILLINOIS 60515

Circle 152 on reader information card